

Date: Monday, 1/8/2007 10:44:25 AM  
 User: Kim Johnston

## Process Sheet

Customer	: CU-DAR001 Dart Helicopters Services	Drawing Name	: PLUG
Job Number	: 30140		
Estimate Number	: 10178		
P.O. Number	: N/A	Part Number	: D25941
This Issue	: 1/8/2007	S.O. No.	: N/A
Prsht Rev.	: NC	Drawing Number	: D2594 REV C
First Issue	: N/A	Project Number	: N/A
Previous Run	: 29621	Drawing Revision	: C
Written By	: <i>[Signature]</i>	Material	: N/A
Checked & Approved By	: <i>[Signature]</i> 01.08	Due Date	: 1/30/2007
Comment	: Est D 02.08.22 Make in Cobra KJ est E 06.12.11 ecn 836 EC	Qty:	500
Um:	Each		

## Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :	
1.0	M6061T6R0625	6061-T6 Round Bar .625"	
		Comment: Qty.: 0.0547 f(s)/Unit Total : 27.3525 f(s) Material: 5052-H32 (QQ-A-225/7) or 6061-T6 (QQ-A-225/8) 1100-0 (QQ-A-225/1) Ø0.625" Rod (M5052H32R0.625) or (M6061T6R0.625)	Batch <u>M103156</u> MS 07/01/01
2.0	HARDINGE	HARDINGE CNC LATHE SMALL	
		Comment: HARDINGE CNC LATHE SMALL 1-Make as per Dwg D2594-1 and Folio FA262. 2-Break all sharp edges 0.010 max.	<i>DTP 07/02/10 8.4 07/01/23</i>
3.0	QC2	INSPECT PARTS AS THEY COME OFF MACHINE	
		Comment: INSPECT PARTS AS THEY COME OFF MACHINE	<i>DTP 07/02/10 8.4 07/01/23</i>
4.0	QC8	SECOND CHECK	
		Comment: SECOND CHECK	<i>E 07/02/11 V508</i>
5.0	HAND FINISHING1	HAND FINISHING RESOURCE #1	
		Comment: HAND FINISHING RESOURCE #1 Acid etch and alodine as per QSI 005 4.1	<i>HL/HL 07-01-12 508</i>

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes  No  DQA:  Date: 07/02/14  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Seq. #: Machine Or Operation:

Description :

6.0 POWDER COATING

POWDER COATING



m/03/41



FYL

07/02/12

508

Comment: POWDER COATING

Powder Coat Gloss White (Ref: 4.3.5.1) per Dart QSI 005 4.3 (only larger dia. section necessary)

7.0 QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

8.0 PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock  
Location: FP15

YI

07/02/13 x 508

9.0 QC21

FINAL INSPECTION/W/O RELEASE



508

Comment: FINAL INSPECTION/W/O RELEASE

107KA14

Job Completion



u 07.02.14

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order:	30140
Description: Plug	Part Number:	D2594-1
Inspection Dwg: D2594	Rev: C	Page 1 of 1

# FIRST ARTICLE INSPECTION CHECKLIST

## X First Article      Prototype

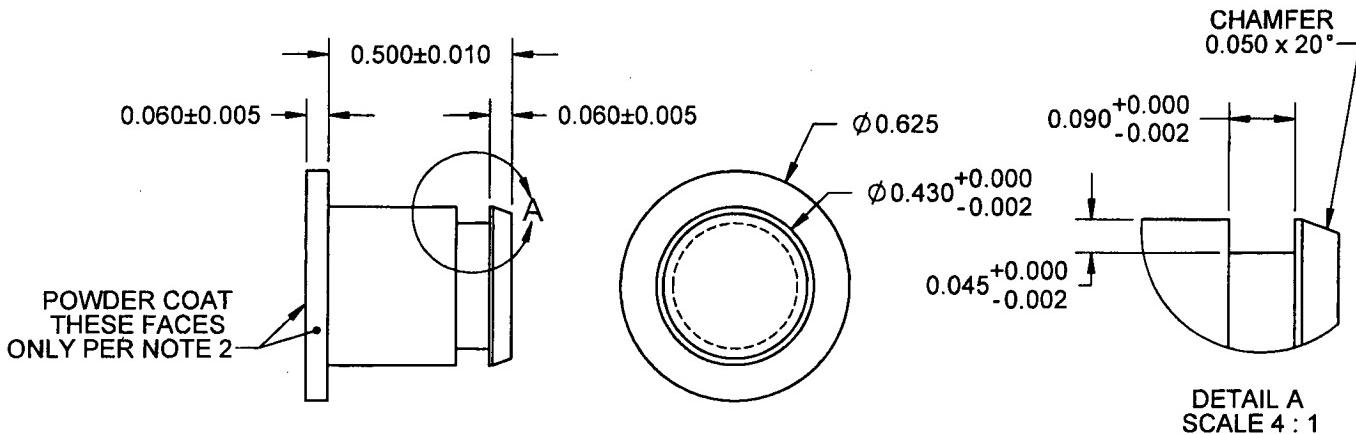
Measured by:	<u>J.F</u>	Audited by:	<u>E.P</u>	Prototype Approval:	N/A
Date:	07/01/23	Date:	07/01/23	Date:	

Rev	Date	Change	Revised by	Approved
A	04.01.21	New Issue	KJ/RF	
B	06.12.20	Dwg Rev. updated	KJ/JLM	<i>[Signature]</i>

**DART**

DESIGN <i>A</i>	DRAWN BY <i>CB</i>	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>CE</i>	APPROVED <i>CH</i>	DRAWING NO. <b>D2594</b>	REV. C SHEET 1 OF 1
DATE <b>06.11.20</b>		TITLE <b>PLUG</b>	SCALE 2:1
REV	DATE	DESCRIPTION	
A	96.09.16	NEW ISSUE	
B	97.03.15	ADD GROOVE AND O-RING	
C	06.11.20	ADD PWDR COAT; ADD MS P/N TO D2594-3; ADD AMS SPECS; ADD TOLERANCE NOTE	

REPLACES D2594-3

06.11.28 - *CH***D2594-1 PLUG****D2594-1 PLUG NOTES:**

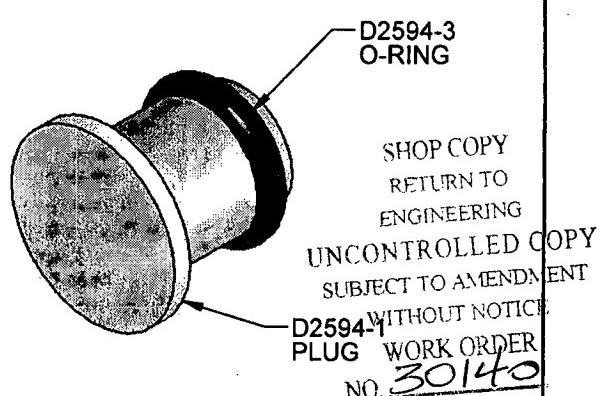
- 1) MATERIAL: ALUMINUM 5052-H32 ROUND BAR PER QQ-A-225/7 (REF DART SPEC M5052H32R) OR ALUMINUM 6061-T6/T651/T6510/T6511/T62 ROUND BAR PER QQ-A-225/8 OR QQ-A-200/8 OR AMS 4117/4128/4115/4116/4160 (REF DART SPEC M6061T6R)
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1  
POWDER COAT SPECIFIED FACES WHITE GLOSS (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED
- 5) BREAK ALL SHARP EDGES TO 0.010 MAX

**D2594-3 O-RING NOTES:**

- 1) 5/16 ID, 7/16 OD, 1/16 WIDTH
- 2) POSSIBLE SUPPLIER P/N: PARKER 2-011 OR MS28775-011

**PARTS LIST:**

QTY	P/N	DESCRIPTION
X	D2594	PLUG ASSEMBLY
1	D2594-1	PLUG
1	D2594-3	O-RING

**D2594 PLUG ASSEMBLY**

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